

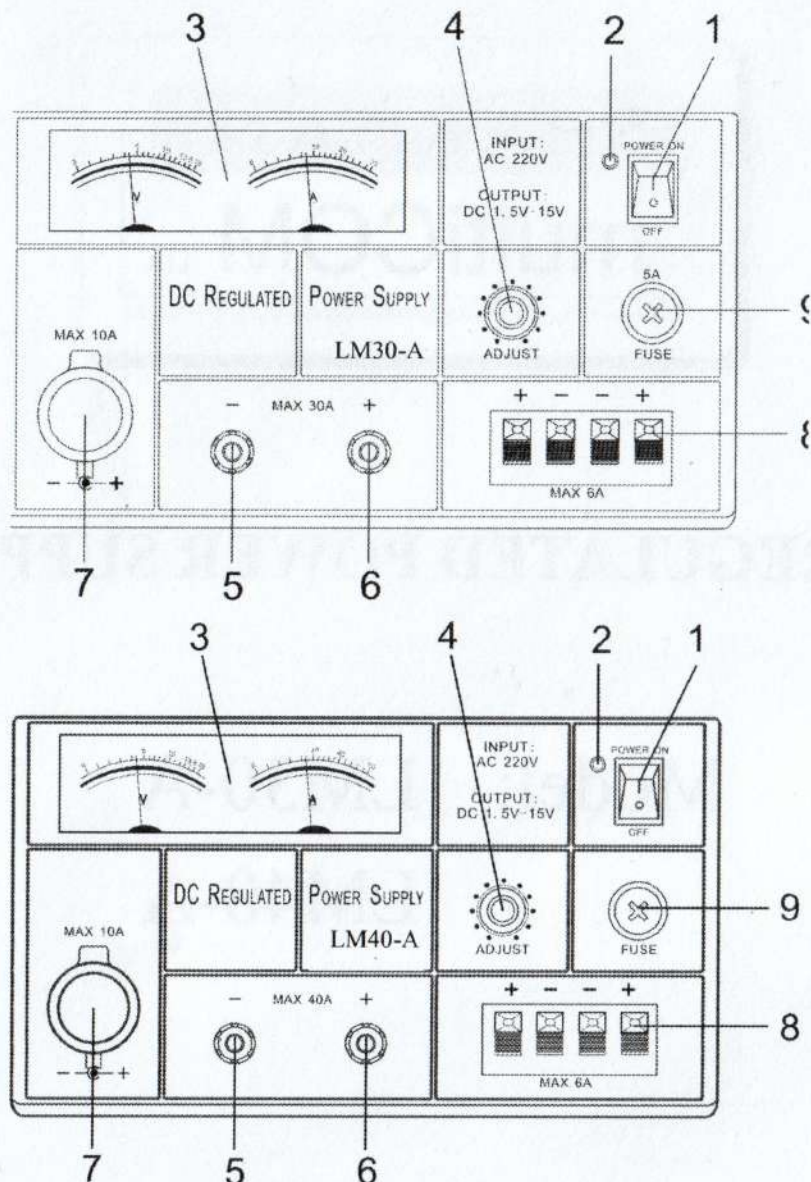


## **DC REGULATED POWER SUPPLY**

**Model: LM30-A  
LM40-A**

### **USER'S MANUAL**

## Panel Layout and Function Descriptions



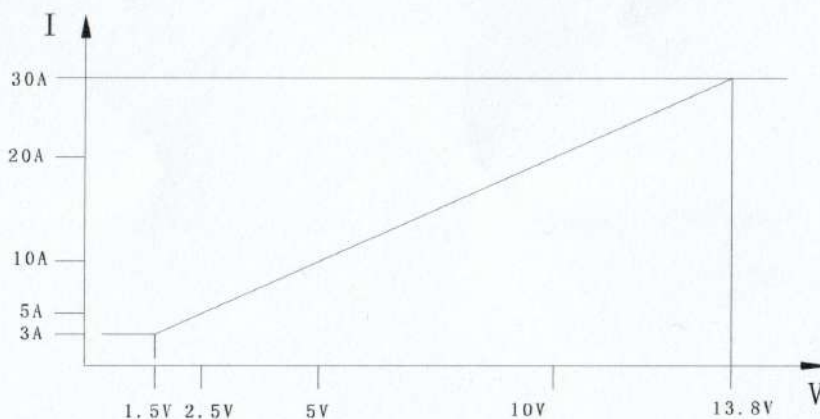
1. Main Switch: ON(Turn On), OFF(Turn off)
2. Power Light; Lights when power is on..
3. Ammeter/Voltmeter: "V" shows voltage output, "A" shows current Output
4. Output voltage adjusting knob
5. Output Negative Terminal
6. Output Positive Terminal
7. Output socket for cigarette lighter style plug( <10 Amps only)
8. Output Terminal Blocks: (<3 Amps only)
9. Panel Mount Fuse

## I. Summary:

LM30-A/LM40-A Series DC Power Supplies provide adjustable Voltage output from 1.5VDC to 15VDC. This series provides an Analog display to show output voltage & output current. Several Output connectors are provided to make use convenient & flexible

## II. Technical Specs:

- 1 Input Voltage: 230V 50HZ $\pm$ 2HZ
- 2 Output Voltage: 1.5V-15V continuous
- 3 Current Output:
  - a. LM30-A: 30A (max), 20A (continuous)
  - b. LM40-A: 40A (max), 30A (continuous)
  - c. Current Output & Voltage output: See charts
- 4 Load Regulation:  $\leq 1\%$
- 5 Electric Wave:  $\leq 10\text{mv}$
- 6 Protection: Current Limitation, Short Circuit.



7. Environmental:

- a. Temperature: 0 °C-40 °C
- b. Humidity: <RH80%
- c. Atmospheric Pressure: 86Kpa-104Kpa

8. Size : 240mm×300mm×150mm

9. Weight: 8.9Kg

NOTICE:

This power Supply and others manufactured like it can have up to a 2.5Amp LOAD attached to the power output terminals at the time the supply is switched. ON. If the user of the power supply wishes to control a LOAD greater then 2.5 Amps at the time of power up, then a separate switch is required for turning ON the Load after the power supply has been turned on If your LOAD is equipped with a switch then that switch will be good enough For this operation For operating LOADs greater then 2.5Amps, the Power Supply must be turned on FIRST, and then the LOAD can be switched on.